Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 04 Sep 2022 until 23:59 on Monday 05 Sep 2022

Forecast Issued on Sunday 04 Sep 2022 at 01:14

Confidence: High confidence in an unsettled, rainy spell of weather. Low confidence in timing and intensity of precipitation.

Headline for Sunday 04 Sep 2022: Cloudy with some rain, heavy and possibly thundery.

Mountain weather hazards on Sunday 04 Sep 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Light rain	Light rain	Heavy rain showers	Cloudy	Heavy Rain
Precipitation probability					
30%	40%	60%	50%	30%	40%

Forecast for Sunday 04 Sep 2022

Weather: Cloudy with outbreaks of rain or showers, these heavy and perhaps thundery at times – possibly more likely during the afternoon and evening. Windy at first but easing slightly.

Chance of cloud-free hill tops above 600m: 40%

Low cloud and visibility: Low cloud is likely to cover the summits at times, with bases 500-600m, and obscuring nearby landmarks. This may lift above the tops at times, especially first thing and perhaps briefly in the late afternoon, but is likely to lower again. Good visibility outside of cloud, but poor in rain and very poor in cloud, making navigation difficult.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Sunday 04 Sep 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/29 SE	21/29 SE	19/26 S	18/24 SE	18/25 S	18/26 SE	19/28 SE
300	18/26 SE	18/27 SE	15/23 S	15/23 SE	14/22 SE	14/22 SE	14/23 SE
Valley	10/23 SE	11/24 SE	12/22 S	11/22 SE	10/20 SE	9/21 SE	9/22 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/10	14/10	15/12	16/13	15/12	14/11	14/11
300	15/12	16/13	18/15	19/16	18/15	16/14	16/14
Valley	16/14	17/16	19/17	20/18	18/17	17/16	16/15
Freezing Level*	2900m	3000m	3000m	3100m	3100m	3100m	3000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Low confidence in precipitation details.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 04 Sep 2022	0mm	0mm	0mm

Forecast for Monday 05 Sep 2022

Weather: Persistent heavy perhaps thundery rain and extensive low cloud during the early hours are expected to clear northwards during the morning. Sunny spells will then allow showers to develop, these turning heavy and thundery in places before fading away early evening. Further heavy showers possible late evening.

Maximum wind: Southeasterly 15-20 mph gusting 25-30 mph.

Chance of cloud-free hill tops above 600m: 30% rising to 90%.

Low cloud and visibility: Extensive cloud down to 300-400m at first, lifting above summits and breaking during the morning. Poor visibility at first, very poor in cloud, becoming good apart from brief deteriorations in showers.

Temperature: **Valleys:** Plus 14 Celsius rising to Plus 22 Celsius.
At 600m: Plus 13 Celsius rising to Plus 17 Celsius.
Freezing level: Above the summits.

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